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July 19, 1948

University of California
Radiation Laboratory
184th Area, Building #5
Berkeley, California

RHTG # 34111
BOX # 1820

Attention: Nelson Garden

The specifications of source PB-117 are as follows:

1. Type of source - Postum-Beryllium.
2. Weight of target material - 1.38 grams.
3. Container material - Beryllium.
4. Dimensions of container - Right cylinder 0.50" x 0.50" I.D.
by 0.70" x 0.70" O.D.
5. Method of sealing - Coated with nickel.
6. Cases of postum - 0.73 on July 15, 1948
7. Neutron tolerance distance in air - 12 inches for 8 hours
exposure in 24 hours (based on tolerance of 150 n/sec/cm²).

The shipping container is a paraffin box in a satchel and affords
protection from neutrons within tolerance limits for 24 hours.

The source may be removed by lifting the paraffin-filled tube, then
the tagged carrier.

Inversion of the carrier will free the source.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1st Review - Date: <u>6-8-98</u>	Determination (Circle Number(s))
Authority: <input type="checkbox"/> ADC <input checked="" type="checkbox"/> ADD	1. Classification Retained
Name: <u>mgh</u>	2. Classification Changed To:
2nd Review - Date: <u>12/17/99</u>	3. Contains No DOE Classified Information
Authority: <u>ADD</u>	4. Coordinate With:
Name: <u>W. Lemmon</u>	5. Classification Cancelled
<u>CG-DAR-2 898</u>	6. Classified Information Bracketed
	7. Other (Specify):

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